



**PORTION DESCRIPTIONS**

**FROM THE**

**SEPTEMBER 12, 2001**

**MINERAL LEASE SALE**

STATE LEASE NO. 17217  
EXHIBIT "A"

**PORTION OF TRACT 33740 - Caddo, DeSoto and Red River Parishes, Louisiana**

All lands owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Caddo, DeSoto and Red River Parishes, Louisiana, and being more fully described as follows: Beginning at a point having Coordinates of X = 1,651,800.00 and Y = 579,300.00; thence East 9,900.00 feet to a point having Coordinates of X = 1,661,700.00 and Y = 579,300.00; thence South 6,700.00 feet to a point having Coordinates of X = 1,661,700.00 and Y = 572,600.00; thence West 9,900.00 feet to a point having Coordinates of X = 1,651,800.00 and Y = 572,600.00; thence North 6,700.00 feet to the point of beginning, **LESS AND EXCEPT**, if any, that portion of Operating Agreement No. 248 and State Lease No. 9312, as amended, that may lie within the above described tract, containing approximately 95.88 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (North Zone).

STATE LEASE NO. 17218  
EXHIBIT "A"

**PORTION OF TRACT 33740 - Caddo and Red River Parishes, Louisiana**

All lands owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Caddo and Red River Parishes, Louisiana, and being more fully described as follows: Beginning at a point having Coordinates of X = 1,670,280.00 and Y = 579,300.00; thence South 6,700.00 feet to a point having Coordinates of X = 1,670,280.00 and Y = 572,600.00; thence West 8,580.00 feet to a point having Coordinates of X = 1,661,700.00 and Y = 572,600.00; thence North 6,700.00 feet to a point having Coordinates of X = 1,661,700.00 and Y = 579,300.00; thence East 8,580.00 feet to the point of beginning, **LESS AND EXCEPT**, if any, that portion of State Operating Agreement No. 248 that may lie within the above described tract, containing approximately **272.73 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (North Zone).

STATE LEASE NO. 17221  
EXHIBIT "A"

**PORTION OF TRACT 33744 - Jefferson Davis Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Jefferson Davis Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,460,300.00 and Y = 637,500.00; thence North 1,900.00 feet to a point having Coordinates of X = 1,460,300.00 and Y = 639,400.00; thence East 1,700.00 feet to a point having Coordinates of X = 1,462,000.00 and Y = 639,400.00; thence South 1,900.00 feet to a point having Coordinates of X = 1,462,000.00 and Y = 637,500.00; thence West 1,700.00 feet to the point of beginning, containing approximately **6.8 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).



STATE LEASE NO. 17222  
EXHIBIT "A"

**PORTION OF TRACT 33747 - Cameron Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Cameron Parish, Louisiana, within the following described boundaries: Beginning at a point on the South boundary of State Lease No. 15223 having Coordinates of X = 1,523,350.00 and Y = 478,100.00; thence East 6,641.01 feet on the South boundary and an extension thereof to a point having Coordinates of X = 1,529,991.01 and Y = 478,100.00; thence South 30 degrees 17 minutes 47 seconds West 3,358.71 feet to a point having Coordinates of X = 1,528,296.63 and Y = 475,200.00; thence West 4,946.63 feet to a point having Coordinates of X = 1,523,350.00 and Y = 475,200.00; thence North 2,900.00 feet to the point of beginning, containing approximately 188 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

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STATE LEASE NO. 17223  
EXHIBIT "A"

**PORTION OF TRACT 33748 - Cameron Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Cameron Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,536,680.00 and Y = 471,150.00; thence West 6,880.00 feet to a point having Coordinates of X = 1,529,800.00 and Y = 471,150.00; thence North 5,770.00 feet to a point having Coordinates of X = 1,529,800.00 and Y = 476,920.00; thence East 5,160.00 feet to a point having Coordinates of X = 1,534,960.00 and Y = 476,920.00; thence North 2,990.00 feet to a point having Coordinates of X = 1,534,960.00 and Y = 479,910.00; thence East 3,500.00 feet to a point having Coordinates of X = 1,538,460.00 and Y = 479,910.00; thence South 4,710.00 feet to a point having Coordinates of X = 1,538,460.00 and Y = 475,200.00; thence West 1,780.00 feet to a point having Coordinates of X = 1,536,680.00 and Y = 475,200.00; thence North 4,050.00 feet to the point of beginning, containing approximately 1,046 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17224  
EXHIBIT "A"

**PORTION OF TRACT 33749 - Cameron Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Cameron Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,543,870.00 and Y = 491,230.00; thence East 4,180.00 feet to a point having Coordinates of X = 1,548,050.00 and Y = 491,230.00; thence South 2,980.00 feet to a point having Coordinates of X = 1,548,050.00 and Y = 488,250.00; thence East 1,360.00 feet to a point having Coordinates of X = 1,549,410.00 and Y = 488,250.00; thence South 3,463.48 feet to a point having Coordinates of X = 1,549,410.00 and Y = 484,786.52; thence South 35 degrees 11 minutes 02 seconds West 105.87 feet to a point having Coordinates of X = 1,549,349.00 and Y = 484,700.00; thence West 5,479.00 feet to a point having Coordinates of X = 1,543,870.00 and Y = 484,700.00; thence North 6,530.00 feet to the point of beginning, containing approximately 230 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17226  
EXHIBIT "A"

**PORTION OF TRACT 33752 - Vermilion Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Vermilion Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,738,600.00 and Y = 395,750.00; thence South 733.72 feet to a point having Coordinates of X = 1,738,600.00 and Y = 395,016.28; thence South 65 degrees 03 minutes 22 seconds West 2,646.90 feet to the Southeast corner of State Lease No. 16995 having Coordinates of X = 1,736,200.00 and Y 393,900.00; thence North 12 degrees 59 minutes 41 seconds East 1,898.62 feet on the East line of said State Lease No. 16995 to a point having Coordinates of X = 1,736,626.92 and Y = 395,750.00; thence East 1,973.08 feet to the point of beginning, containing approximately 62 gross acres and 53 net acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17227  
EXHIBIT "A"

**PORTION OF TRACT 33753 - St. Mary Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in St. Mary Parish, Louisiana, within the following described boundaries: Beginning at a point on the West boundary of State Lease No. 16966 having Coordinates of X = 1,950,999.00 and Y = 304,500.00; thence West 8,999.00 feet to a point having Coordinates of X = 1,942,000.00 and Y = 304,500.00; thence North 1,500.00 feet to a point having Coordinates of X = 1,942,000.00 and Y = 306,000.00; thence East 8,999.00 feet to a point on the West boundary of said State Lease No. 16966 having Coordinates of X = 1,950,999.00 and Y = 306,000.00; thence South 1,500.00 feet on the West boundary of said State Lease No. 16966 to the point of beginning, containing approximately 309.88 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17228  
EXHIBIT "A"

**PORTION OF TRACT 33753 - St. Mary Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in St. Mary Parish, Louisiana, within the following described boundaries: Beginning at the Northwest corner of State Lease No. 16966 having Coordinates of X = 1,950,999.00 and Y = 310,000.00; thence South 4,000.00 feet on the West boundary of said State Lease No. 16966 to a point having Coordinates of X = 1,950,999.00 and Y = 306,000.00; thence West 8,999.00 feet to a point having Coordinates of X = 1,942,000.00 and Y = 306,000.00; thence North 4,000.00 feet to a point having Coordinates of X = 1,942,000.00 and Y = 310,000.00; thence East 1,500.00 feet to the most Southerly Southwest corner of State Lease No. 13625 having Coordinates of X = 1,943,500.00 and Y = 310,000.00; thence East 6,000.00 feet on the South boundary of said State Lease No. 13625 to the Southeast corner of said State Lease No. 13625 having Coordinates of X = 1,949,500.00 and Y = 310,000.00; thence North 1,000.00 feet on the East boundary of said State Lease No. 13625 to a point having Coordinates of X = 1,949,500.00 and Y = 311,000.00; thence East 3,500.00 feet to a point having Coordinates of X = 1,953,000.00 and Y = 311,000.00; thence South 1,000.00 feet to a corner on the North boundary of said State Lease No. 16966 having Coordinates of X = 1,953,000.00 and Y = 310,000.00; thence West 2,001.00 feet on the Northern boundary of said State Lease No. 16966 to the point of beginning, containing approximately **906.71 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17229  
EXHIBIT "A"

**PORTION OF TRACT 33754 - Assumption Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Assumption Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,043,475.00 and Y = 467,925.00; thence East 2,725.00 feet to a point having Coordinates of X = 2,046,200.00 and Y = 467,925.00; thence South 2,675.00 feet to a point having Coordinates of X = 2,046,200.00 and Y = 465,250.00; thence West 2,725.00 feet to a point having Coordinates of X = 2,043,475.00 and Y = 465,250.00; thence North 2,675.00 feet to the point of beginning, containing approximately 92 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located upon a restricted scenic river and all operations in this area must be conducted in strict conformity with the regulations of the Louisiana Department of Wildlife and Fisheries.

STATE LEASE NO. 17230  
EXHIBIT "A"

**PORTION OF TRACT 33756 - Terrebonne Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,153,500.00 and Y = 243,100.00; thence South 4,600.00 feet to a point having Coordinates of X = 2,153,500.00 and Y = 238,500.00; thence West 10,550.00 feet to a point having Coordinates of X = 2,142,950.00 and Y = 238,500.00; thence North 4,600.00 feet to a point having Coordinates of X = 2,142,950.00 and Y = 243,100.00; thence East 10,550.00 feet to the point of beginning, containing approximately 50 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.



STATE LEASE NO. 17234  
EXHIBIT "A"

**PORTION OF TRACT 33765 - Terrebonne Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Terrebonne Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,240,407.00 and Y = 257,531.92; thence East 4,800.00 feet to a point having Coordinates of X = 2,245,207.00 and Y = 257,531.92; thence South 464.31 feet to a point on the Northern boundary of State Lease No. 14211, as amended, having Coordinates of X = 2,245,207.00 and Y = 257,067.60; thence on the boundary of said State Lease No. 14211 the following courses: Southwesterly on a curve to the left, having a delta of 03 degrees 46 minutes 47 seconds, a radius of 4,300.00 feet, an arc length of 283.66 feet and a chord bearing and distance of South 49 degrees 55 minutes 12 seconds West and 283.61 feet to a point having Coordinates of X = 2,244,990.00 and Y = 256,885.00; Southwesterly on a curve to the left having a delta of 41 degrees 02 minutes 47 seconds, a radius of 2,000.00 feet, an arc length of 1,432.79 feet and a chord bearing and distance of South 27 degrees 30 minutes 25 seconds West 1,402.35 feet to a point having Coordinates of X = 2,244,342.32 and Y = 255,641.18; Southerly on a curve to the left having a delta of 71 degrees 34 minutes 22 seconds, a radius of 1,000.00 feet, an arc length of 1,249.19 feet and a chord bearing and distance of South 28 degrees 48 minutes 09 seconds East 1,169.53 feet to a point having Coordinates of X = 2,244,905.79 and Y = 254,616.34; and Southeasterly on a curve to the left having a delta of 08 degrees 48 minutes 42 seconds, a radius of 2,100.00 feet, an arc length of 322.97 feet and a chord bearing and distance of South 68 degrees 59 minutes 43 seconds East 322.65 feet to a point on its Southern boundary having Coordinates of X = 2,245,207.00 and Y = 255,500.68; thence South 1,268.77 feet to a point having Coordinates of X = 2,245,207.00 and Y = 253,231.92; thence West 4,800.00 feet to a point having Coordinates of X = 2,240,407.00 and Y = 253,231.92; thence North 4,300.00 feet to the point of beginning, containing approximately **342 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: Approximately 1,177 acre of the above described area is subject to Compromise Agreement by and between the State Mineral Board and Fina Oil & Chemical Company, dated April 1, 1993, which the State Mineral Board is allocated an undivided 67.72% interest, or 797.06 net acres. 148 acres of the above described area lies outside of the compromise area for a total of 945.06 net acres.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved

coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

**\*IMPORTANT NOTICE: ON ANY AND ALL ROYALTY DUE ON PRODUCTION OF HYDROCARBONS ACCORDING TO THE ROYALTY CLAUSE OF THIS LEASE, TIMELY PAYMENT ACCORDING TO THIS LEASE SHALL BE MADE IN THE FOLLOWING MANNER: ON PAYMENT AMOUNTING TO SIXTY-SEVEN AND 72/100THS (67.72%) OF THE FULL AMOUNT OF ROYALTY DUE AND OWING MADE PAYABLE TO THE "OFFICE OF MINERAL RESOURCES" SHALL BE FORWARDED TO THE OFFICE OF MINERAL RESOURCES, AND A SECOND SEPARATE PAYMENT AMOUNTING TO THIRTY-TWO AND 28/100THS (32.28%) OF THE FULL AMOUNT OF ROYALTY DUE AND OWING MADE PAYABLE TO "CASTEX ENERGY, INC." SHALL BE FORWARDED TO SAID CASTEX ENERGY, INC. AT 333 N. BELT E., SUITE 1060, HOUSTON, TEXAS 77060-2403, SUCH THAT ROYALTY PAID ON PRODUCTION UNDER THIS LEASE FOR EACH MONTH SHALL BE PAID IN THE PROPORTION OF 67.72% TO THE STATE AND 32.28% TO CASTEX ENERGY, INC.**

STATE LEASE NO. 17236

EXHIBIT "A"

**PORTION OF TRACT 33772 - Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,638,295.40 and Y = 260,135.11; thence South 02 degrees 08 minutes 27 seconds East 1,555.92 feet to a point; thence the following courses: South 87 degrees 51 minutes 33 seconds West 1,320.00 feet; South 02 degrees 08 minutes 27 seconds East 700.00 feet; South 87 degrees 51 minutes 33 seconds West 1,320.00 feet; South 02 degrees 08 minutes 27 seconds East 320.00 feet; South 87 degrees 51 minutes 33 seconds West 1,320.00 feet; North 02 degrees 08 minutes 27 seconds West 320.00 feet; and South 87 degrees 51 minutes 33 seconds West 910.78 feet to a point having Coordinates of X = 2,633,512.29 and Y = 257,698.81; thence North 19 degrees 49 minutes 25 seconds East 2,517.36 feet to a point having Coordinates of X = 2,634,365.99 and Y = 260,067.00; thence North 89 degrees 00 minutes 25 seconds East 3,930.00 feet to the point of beginning, **LESS AND EXCEPT**, if any, that portion of State Lease No. 195, as amended, that may fall within the above described tract, containing approximately **220.75 gross acres and 88.30 net acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17237  
EXHIBIT "A"

**PORTION OF TRACT 33773 - Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on September 12, 2001, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,639,550.00 and Y = 260,156.85; thence North 1,573.15 feet to a point having Coordinates of X = 2,639,550.00 and Y = 261,730.00; thence East 2,150.00 feet to a point having Coordinates of X = 2,641,700.00 and Y = 261,730.00; thence South 16 degrees 00 minutes 00 seconds West approximately 1,606 feet to a point on the Northern boundary of State Lease No. 195, as amended; thence Westerly approximately 1,708 feet on the Northern boundary of said State Lease No. 195 to the point of beginning, **LESS AND EXCEPT**, if any, that portion of State Lease No. 195, as amended, that may fall within the above described tract, containing approximately **69 gross acres and 41.4 net acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17239  
EXHIBIT "A"

**PORTION OF TRACT 33775 - PORTION OF BLOCK 49, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 49, Breton Sound Area, having Coordinates of X = 2,650,100.00 and Y = 291,940.00; thence South 2,757.00 feet on the East line of said Block 49 to a point having Coordinates of X = 2,650,100.00 and Y = 289,183.00; thence West 2,429.00 feet to a point having Coordinates of X = 2,647,671.00 and Y = 289,183.00; thence North 2,757.00 feet to a point having Coordinates of X = 2,647,671.00 and Y = 291,940.00; thence East 2,429.00 feet to the point of beginning, containing approximately **153.74 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17240  
EXHIBIT "A"

**PORTION OF TRACT 33775 - PORTION OF BLOCK 49, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 49, Breton Sound Area, having Coordinates of X = 2,647,286.00 and Y = 289,791.00; thence South 3,021.00 feet to a point having Coordinates of X = 2,647,286.00 and Y = 286,770.00; thence West 2,696.00 feet to a point having Coordinates of X = 2,644,590.00 and Y = 286,770.00; thence North 3,021.00 feet to a point having Coordinates of X = 2,644,590.00 and Y = 289,791.00; thence East 2,696.00 feet to the point of beginning, containing approximately 186.97 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17241  
EXHIBIT "A"

**PORTION OF TRACT 33775 - PORTION OF BLOCK 49, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the North line of Block 49, Breton Sound Area, having Coordinates of X = 2,642,681.00 and Y = 292,830.00; thence South 4,278.00 feet to a point having Coordinates of X = 2,642,681.00 and Y = 288,552.00; thence West 3,525.00 feet to a point having Coordinates of X = 2,639,156.00 and Y = 288,552.00; thence North 4,278.00 feet to a point on the North line of said Block 44 having Coordinates of X = 2,639,156.00 and Y = 292,830.00; thence East 3,525.00 feet on the North line of said Block 49 to the point of beginning, containing approximately 346.19 acres, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17242  
EXHIBIT "A"

**PORTION OF TRACT 33775 - PORTION OF BLOCK 49, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the North line of Block 49, Breton Sound Area, having Coordinates of X = 2,638,636.00 and Y = 292,830.00; thence South 1,639.00 feet to a point having Coordinates of X = 2,638,636.00 and Y = 291,191.00; thence West 2,485.00 feet to a point having Coordinates of X = 2,636,151.00 and Y = 291,191.00; thence North 1,639.00 feet to a point on the North line of said Block 49 having Coordinates of X = 2,636,151.00 and Y = 292,830.00; thence East 2,485.00 feet on the North line of said Block 49 to the point of beginning, containing approximately **93.50 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources, as provided by the applicant. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.



STATE LEASE NO. 17243  
EXHIBIT "A"

**PORTION OF TRACT 33780 - PORTION OF BLOCK 51, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the Eastern boundary of State Lease No. 16890 having Coordinates of X = 2,673,621.83 and Y = 285,455.00; thence on the Eastern boundary of said State Lease No. 16890 the following courses: North 31 degrees 53 minutes 54 seconds East 1,113.90 feet to a point having Coordinates of X = 2,674,210.00 and Y = 286,400.00 and North 01 degrees 37 minutes 30 seconds West 992.40 feet to a point having Coordinates of X = 2,674,181.86 and Y = 287,392.00; thence East 1,601.14 feet to a point having Coordinates of X = 2,675,783.00 and Y = 287,392.00; thence South 1,332.00 feet to a point having Coordinates of X = 2,675,783.00 and Y = 286,060.00; thence South 39 degrees 23 minutes 04 seconds West 782.76 feet to a point having Coordinates of X = 2,675,286.32 and Y = 285,455.00; thence West 1,664.49 feet to the point of beginning, containing approximately **73.20 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17244  
EXHIBIT "A"

**PORTION OF TRACT 33781 - PORTION OF BLOCK 51, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at the Southeast corner of Block 51, Breton Sound Area, having Coordinates of X = 2,679,600.00 and Y = 278,080.00; thence West 2,931.00 feet on the South line of said Block 51 to a point having Coordinates of X = 2,676,669.00 and Y = 278,080.00; thence North 1,347.00 feet to a point having Coordinates 2,676,669.00 and Y = 279,427.00; thence East 2,053.00 feet to a point having Coordinates of X = 2,678,722.00 and Y = 279,427.00; thence South 33 degrees 05 minutes 49 seconds East 1,607.88 feet to the point of beginning, containing approximately **77.06 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17245  
EXHIBIT "A"

**PORTION OF TRACT 33781 - PORTION OF BLOCK 51, BRETON SOUND AREA, Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 51, Breton Sound Area, being on the Western boundary of State Lease No. 16890, having Coordinates of X = 2,670,762.60 and Y = 285,455.00; thence on the boundaries of said State Lease No. 16890 the following courses: South 05 degrees 15 minutes 21 seconds East 1,390.85 feet to a point having Coordinates of X = 2,670,890.00 and Y = 284,070.00; South 87 degrees 28 minutes 59 seconds East 1,821.76 feet to a point having Coordinates of X = 2,672,710.00 and Y = 283,990.00 and North 31 degrees 53 minutes 54 seconds East 1,725.59 feet to a point having Coordinates of X = 2,673,621.83 and Y = 285,455.00; thence East 1,664.49 feet to a point having Coordinates of X = 2,675,286.32 and Y = 285,455.00; thence South 39 degrees 23 minutes 04 seconds West 2,946.03 feet to a point having Coordinates of X = 2,673,417.00 and Y = 283,178.00; thence West 2,175.00 feet to a point having Coordinates of X = 2,671,242.00 and Y = 283,178.00; thence South 1,876.00 feet to a point having Coordinates of X = 2,671,242.00 and Y = 281,302.00; thence West 3,425.00 feet to a point having Coordinates of X = 2,667,817.00 and Y = 281,302.00; thence North 1,903.00 feet to a point having Coordinates of X = 2,667,817.00 and Y = 283,205.00; thence East 1,169.00 feet to a point having Coordinates of X = 2,668,986.00 and Y = 283,205.00; thence North 2,250.00 feet to a point having Coordinates of X = 2,668,986.00 and Y = 285,455.00; thence East 1,776.60 feet to the point of beginning, containing approximately **351.81 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17246  
EXHIBIT "A"

**PORTION OF TRACT 33783 - PORTION OF BLOCK 25, MAIN PASS AREA, REVISED,  
Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 25, Main Pass Area, Revised, said point located on the Western boundary of State Lease No. 16432 having Coordinates of X = 2,610,138.18 and Y = 318,479.92, said point also being on the Northern boundary of State Lease No. 16690; thence South 44 degrees 33 minutes 15 seconds West 2,775.55 feet along said Northern boundary of said State Lease No. 16990 to a point having Coordinates of X = 2,608,190.90 and Y = 316,502.10; thence North 3,604.90 feet to a point having Coordinates of X = 2,608,190.90 and Y = 320,107.00; thence East 1,064.80 feet to a point having Coordinates of X = 2,609,255.70 and Y = 320,107.00, said point also being on the said Western boundary of said State Lease No. 16432; thence South 28 degrees 28 minutes 27 seconds East 1,850.99 feet along said Western boundary of said State Lease No. 16432 to the point of beginning, containing approximately **100.46 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17247  
EXHIBIT "A"

**PORTION OF TRACT 33789 - PORTION OF BLOCK 21, MAIN PASS AREA, REVISED,  
Plaquemines Parish, Louisiana**

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on September 12, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 21, Main Pass Area, Revised, having Coordinates of X = 2,622,720.00 and Y = 334,070.00; thence East 3,180.00 feet to a point having Coordinates of X = 2,622,720.00 and Y = 334,070.00; thence South 19 degrees 25 minutes 08 seconds East 3,609.32 feet to a point having Coordinates of X = 2,627,100.00 and Y = 330,666.00; thence East 875.00 feet to a point on the West line of State Lease No. 15536 having Coordinates of X = 2,627,975.00 and Y = 330,666.00; thence South 3,536.00 feet along the West line of said State Lease No. 15536 to its Southwest corner having Coordinates of X = 2,627,975.00 and Y = 327,130.00; thence South 928.14 feet to a point having Coordinates of X = 2,627,975.00 and Y = 326,201.86; thence South 71 degrees 58 minutes 17 seconds West 3,540.85 feet to the Northeast corner of State Lease No. 16932 having Coordinates of X = 2,624,608.00 and Y = 325,106.00; thence North 24 degrees 23 minutes 24 seconds West 4,572.03 feet to a point having Coordinates of X = 2,622,720.00 and Y = 329,270.00; thence North 4,800.00 feet to the point of beginning, containing approximately **833.55 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17250  
EXHIBIT "A"

**PORTION OF TRACT 33796 - Plaquemines Parish, Louisiana**

All state owned lands and water bottoms not under mineral lease on September 12, 2001, within the confines of the Pass-A-Loutre Wildlife Management Area as defined by the Department of Wildlife & Fisheries and included in a title opinion from the Office of the Governor, dated August 3, 1998, situated in Plaquemines Parish, Louisiana, within the following boundaries: Beginning at a point having Coordinates of X = 2,685,355.00 and Y = 175,806.25; thence South approximately 1,635 feet to a point on the Northern boundary of State Lease No. 214 having a Coordinate of X = 2,685,355.00; thence Westerly on the Northern boundary of said State Lease No. 214 to a point having a Coordinate of X = 2,682,920.00; thence North approximately 1,615 feet to a point on the Southern boundary of State Lease No. 3942, as amended, having a Coordinate of X = 2,682,920.00; thence North 86 degrees 17 minutes 50 seconds East 1,003.70 feet on the Southern boundary of said State Lease No. 3942 to a Southeast corner having Coordinates of X = 2,683,921.60 and Y = 175,806.25; thence East 1,433.40 feet to the point of beginning, **LESS AND EXCEPT** any privately owned land that may be located within the above described tract, containing approximately **92 acres**, as shown outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: This tract may be located within the Pass-A-Loutre Wildlife Management Area. Any operations on said tract shall be coordinated with the Louisiana Department of Wildlife and Fisheries. Special Rules and Regulations have been promulgated by the Louisiana Department of Wildlife and Fisheries for the protection of the game and wildlife for some management areas. Any lease awarded by the Board on said tract shall be subject to any applicable Rules and Regulations of said management area. Copies of these Rules and Regulations may be obtained from the Louisiana Department of Wildlife and Fisheries through the Assistant Secretary, Office of Wildlife, upon request.

NOTE: 1. No activities will be allowed without written authorization of the Louisiana Department of Wildlife and Fisheries. All projects will be coordinated and approved by the Pass-A-Loutre WMA Supervisor prior to any activities on the wildlife management area.

2. Proposed projects will be evaluated on a case by case basis. Modifications to proposed project features including but not limited to access routes, well sites, flowlines and appurtenant structures may be required by the Louisiana Department of Wildlife and Fisheries.

3. Compliance with the Pass-A-Loutre WMA regulations will be required unless otherwise specified by the Department.

4. Compensatory mitigation will be required to offset unavoidable habitat impacts.

5. Removal of all structures, facilities and equipment will be required within 120 days of abandonment unless otherwise agreed to by the Department.

6. No activities will be allowed during the hunting season unless approved by the Department.

7. Prior to submitting applications for wetland permits to Federal and State permitting agencies, the leaseholder shall coordinate project details with the Department.

NOTE:

The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.